

**Amendments to the Specification:**

**Please amend the specification as shown:**

**Please delete the paragraph on page 25, lines 12-27 and replace it with the following paragraph:**

In the present invention, the GLP-1s are provided by using the method for producing the plant storage organ in which the recombinant protein is highly produced of the present invention. The GLP-1 is known as a hormone stimulating glucose-dependent insulin secretion, while GLP-1 (7-36) is a peptide having a sequence shown by His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg (**SEQ ID NO: 7**). In the present invention, a gene encoding the amino acid sequence of the GLP-1 (7-36), or a gene encoding peptide which comprises the sequence in which one or a few amino acids are deleted, substituted and/or added in the amino acid sequence of GLP-1 (7-36) and has GLP-1 activity, is integrated as the gene expressing the above recombinant protein into the vector constructed in the present invention to express the gene and produce GLP-1s.

**Please delete the paragraph on page 27, lines 8-16 and replace it with the following paragraph:**

As above-stated, the GLP-1 (7-36) used in the present invention is a peptide comprising the following amino acid sequence shown by the sequence: His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg (**SEQ ID NO: 7**), here [Ser<sup>8</sup>] showing that the 8<sup>th</sup> position is modified by serine indicates that the second (corresponding to the 8<sup>th</sup> position) Ala is replaced with Ser. The GLP-1 derivative of the present invention can be produced using chemosynthesis or genetic engineering technique.